

**Quality Assurance**  
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[www.maximintegrated.com](http://www.maximintegrated.com)

**PROCESS CHANGE NOTICE**  
 **PRODUCT CHANGE NOTICE**

**ANALOG DEVICES** HEREBY ISSUES NOTIFICATION OF CHANGE  
THAT MAY AFFECT THE FOLLOWING CATEGORIES:

<input type="checkbox"/> DESIGN	<input type="checkbox"/> WAFER FAB	<input type="checkbox"/> ASSEMBLY	<input type="checkbox"/> TEST	<input checked="" type="checkbox"/> ELEC/MECH SPECS
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**AFFECTED PRODUCT:**

Ordering P/N: (See PN listing XLS in PCN ZIP file)

<p><b>CHANGE FROM: -</b> Existing Firmware revision V3.23 for Trinamic TCMC-1378-CANopen modules</p>	<p><b>CHANGE TO: -</b> New Firmware revision V3.24 This Firmware introduces the following new features: 1) Halt bit supported in pp, pv and hm mode. 2) Same operation mode can also be written twice. 3) New object 0x2123 (PWM mode). 4) Save/restore parameters extended: PDO definitions will also be saved when saving communication parameters. This change is classified as a major change.</p>
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**JUSTIFICATION:** New batches of the modules will be delivered together with this new release of the firmware. Modules already shipped can be updated to this new release of the firmware using the provided firmware update feature of the TMCL-IDE. Prior firmware releases are still available on the corresponding product pages on [www.trinamic.com](http://www.trinamic.com).

This PCN is effective as of 14SEP2022 and is for information only.

Part Number	Manufacturer Part #
PD57-1-1378-CANopen	TMC-30-0396
PD57-2-1378-CANopen	TMC-30-0397
PD60-3-1378-CANopen	TMC-30-0398
PD60-4-1378-CANopen	TMC-30-0399
PD60-4H-1378-CANopen	TMC-30-0400
PD86-3-1378-CANopen	TMC-30-0401

**TRACEABILITY:** Analog Device maintains full traceability by device marking, packaging labels and shipment documents.

Analog Devices's Change Notification System is designed to keep our customer base apprised of major product, manufacturing, or facility improvements.

*Nasser Ali Chaouche*

Nasser AliChaouche / PCN Coordinator

For further information, please contact either of the people listed below.

**Contact your local Analog Devices Company Representative** or Nasser AliChaouche, PCN Coordinator  
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